



These notes are designed so that you can use them as a guide for teaching or alternatively you can give them to a group of students who will then complete the reading and activities independently or with a partner.

Each set of notes has:

- An activity grid
- The science content and knowledge
- The science vocabulary in the glossary
- The answers to the quiz
- Questions for each chapter to guide reading

There is more than one way to read this book. Here are four examples. No one way is better than the another. You may also like to use the graphic organizers to help guide your reading.

- You can skim through the pages of the entire book, stopping at and studying the diagrams. Then check the glossary to clarify your understanding of any unknown science-related words. This will give you the background science information before you read the story. Then go back and read the story.
- You can read the blurb on the back cover, then jump straight into reading Chapter 1. Read the story as if there were no diagrams or bolded words at all. When you have finished, go back and study the diagrams and glossary words to add to your knowledge.
- You can do a combination of both the above. Read the back cover blurb to find out the storyline. Study the initial diagrams. Then read the book, stopping to consolidate your understanding of the science concepts. Check out the bolded words in the glossary if you are unsure of their meaning.
- You can read the book chapter by chapter, stopping and discussing the story and the science as you go.

When you have finished reading, take the test. You should get six out of six. If you aren't sure of an answer, follow the quiz clues at the end of the book.

Now do one or both of the activities. When you have finished these, complete the black line master activities.

Book Title	Book Activity 1	Book Activity 2	Graphic Organiser 1	Graphic Organiser 2	Black Line Master 1	Black Line Master 2	Black Line Master 3
Crash Landing	Comprehension Literal	Science Experiment	Comprehension Inferential	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Visual Spatial	Values Responsibility
Futuristic Park	Comprehension Inferential	Science Experiment	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Visual Spatial	Values Leadership
Incredible Amazon Adventure	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Inquiry	Comprehension Inferential	Multiple Intelligence Musical	Values Responsibility
The Spooky Man Upstairs	Comprehension Inferential	Science Experiment	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Bodily Kinaesthetic	Values Respect
The Miners and the Morkorth	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Linguistic	Values Responsibility
The Final Wave Goodbye	Multiple Intelligence Interpersonal	Science Experiment	Comprehension Inferential	Science Inquiry	Comprehension Inferential	Comprehension Literal	Values Respect for Others
Secrets of the Sky	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Logical	Values Rights of Others
Fight or Flight	Comprehension Inferential	Science Inquiry	Literacy Vocabulary	Science Inquiry	Comprehension Literal	Multiple Intelligence Visual Spatial	Values Doing Your Best
Dramatic Discovery	Comprehension Inferential	Science History	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Linguistic	Values Tolerance
Beat the Buzzer	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Inquiry	Science Vocabulary	Multiple Intelligence Interpersonal	Values Honesty
Deadly Space Race	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Science Inquiry	Comprehension Inferential	Multiple Intelligence Visual Spatial	Values Doing Your Best
Saving the Sun	Values Integrity & Trustworthiness	Science Experiment	Comprehension Inferential	Science Inquiry	Comprehension Literal	Multiple Intelligence Logical	Comprehension Inferential

The Spooky Man Upstairs

Science Content and Knowledge:

Physical Science: Sound

Level: Upper

Genre: Mystery

Reading age: 10.7 years

Science Vocabulary

amplifies	shock waves
amplitude	sonic boom
compressions	sound
eardrum	sound barrier
echo	sound waves
frequency	static
hearing aid	thermoacoustic chiller
interference	transmitter
loudness	vibrate
modulated	volume
pitch	

Quiz Answers

Question 1:

When an object is moving at a speed greater than the speed of sound

Question 2:

Sound distorts when the volume on the stereo is turned up to loud; windows rattling from an explosion

Question 3:

A form of energy made when objects vibrate, making the air around them vibrate.

Question 4:

A high pitch is produced from quick vibrations, a low pitch is produced from slow vibrations

Question 5:

Decibel

Question 6:

Pinna and ear canal

Study Guide

Chapter 1 – Mr Abraham

Read Chapter 1 to find out who Mr Abraham is and what people think of him. While reading identify the other characters in the story and the setting.

Chapter 2 – To Snoop or Not to Snoop

Chapter 2 provides the complication in the story. Given what you already know about the characters, what do you think this might be? The front cover illustration and the back cover blurb give you additional clues. Read the chapter to see if your predictions were right.

Chapter 3 – A Narrow Escape

Before reading the chapter how do you think Tommy and Charlotte are going to get into Mr Abraham's room. If they succeed in entering what do you think they will find?

Chapter 4 – Playing Detective

Tommy and Charlotte decide to find out more about Mr Abraham. How could they do this? What do you think they will find? Read Chapter 4 to find out what they do.

Chapter 5 – Trapped!

How do you think the story will end? What do you think Tommy and Charlotte will discover about Mr Abraham? Do you think he will still be spooky?

Addendum

An addendum is an additional bit of information at the back of a book. Read the addendum and find out how it relates to the story.

Graphic Organizer 1– Literacy

The Spooky Man Upstairs

Name _____

- Comprehension – Literal

Jot down the main events of the chapters as you read them.

Mr Abraham	
To Snoop or Not to Snoop	
A Narrow Escape	
Playing Detective	
Trapped!	



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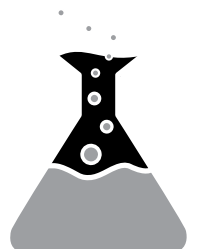
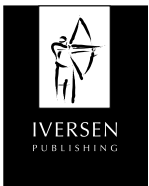
The Spooky Man Upstairs

Name _____

- Science Inquiry

As you read make notes about the following words:

Sound waves	
Eardrum	
Decibel	
Sound barrier	
Sonic boom	
Echo	



The Spooky Man Upstairs

Name _____

• Vocabulary

Complete the wordfind.

amplifier

modulated

static

eardrum

pitch

volume

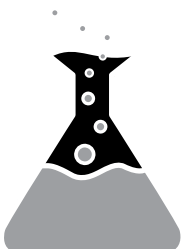
echo

sonic

frequency

sound

C	I	T	S	H	E	T	A	R	B	I	N
D	N	U	O	S	C	B	M	S	R	O	I
M	S	E	N	O	A	T	P	E	R	L	E
D	F	I	I	H	R	S	I	B	T	M	Y
E	Q	E	C	C	B	F	Q	P	M	C	E
T	R	S	L	E	I	C	E	L	N	H	V
A	U	O	B	L	V	A	F	E	D	O	H
L	V	P	P	E	R	S	U	T	L	U	U
U	T	M	S	D	A	Q	D	U	R	D	P
D	A	Q	R	E	E	L	M	E	C	D	H
O	P	U	U	R	A	E	U	T	F	O	M
M	M	M	F	S	T	A	T	I	C	M	S



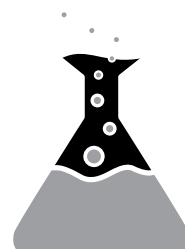
The Spooky Man Upstairs

Name _____

- Bodily Kinaesthetic Intelligence

Look at the chart on page 5. Listen to sounds around the room and find other examples

Decibel level	Sound example
0	
15	
50	
80	
90	
120	
130	
140	



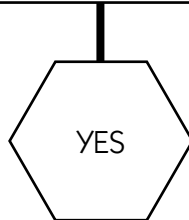
The Spooky Man Upstairs

Name _____

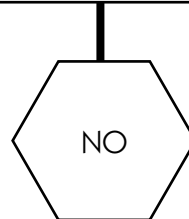
- Respect

Did you think it right of Tommy and Charlotte to go upstairs to snoop on Mr Abraham?
Complete the argument below. Explain your reasoning.

Reasons...



Tommy and Charlotte should snoop on Mr Abrahams.



Reasons...

When might it be alright snoop on someone? Explain your reasoning.

